UWM Discovery Advances Graphene-based Electronics

by Laura Hunt, University Relations

A cross-disciplinary team of scientists and engineers at UWM have discovered an entirely new carbon-based material that is synthesized from the “wonder kid” of the carbon family, graphene. The discovery, which the researchers are calling “graphene monoxide (GMO),” pushes carbon materials closer to ushering in next-generation electronics.

Graphene, a one-atom-thick layer of carbon that resembles a flat sheet of chicken wire at nanoscale, has the potential to revolutionize electronics because it conducts electricity much better than the gold and copper wires used in current devices. Transistors made of silicon are approaching the minimum size at which they can be effective, meaning the speed of devices will soon bottom out. Carbon materials at nanoscale could be the remedy.

Currently, applications for graphene are limited because it’s too expensive to mass produce. Another problem is that, until now, graphene-related materials existed only as conductors or insulators.

“A major drive in the graphene research community is to make the material semiconducting so it can be used in electronic applications,” says Junhong Chen, Professor of Mechanical Engineering and a member of the research team. “Our major contribution in this study was achieved through a chemical modification of graphene.”

GMO exhibits characteristics that will make it easier to scale up than graphene. And, like silicon in the current generation of electronics, GMO is semiconducting, necessary for controlling the electrical current in such a strong conductor as graphene. Now all three characteristics of electrical conductivity – conducting, insulating and semiconducting – are found in the carbon family, offering needed compatibility for use in future electronics.

Mixing theory and experiments

The team created GMO while conducting research into the behavior of a hybrid nanomaterial engineered by Chen that consists of carbon nanotubes (essentially, graphene rolled into a cylinder) decorated with tin oxide nanoparticles. Chen uses his hybrid material to make high-performance, energy-efficient and inexpensive sensors.

To image the hybrid material as it was sensing, he and Physics Professor Marija Gajdardziska used a high-resolution transmission electron microscope (HRTEM). But to explain what was happening, the pair needed to know which molecules were attaching to the nanotube surface, which were attaching to the tin oxide surface, and how they changed upon attachment.

So the pair turned to Physics Professor Carol Hirschmugl, who recently pioneered a method of infrared imaging (IR) that not only offers high-definition images of samples, but also renders a chemical “signature” that identifies which atoms are interacting as sensing occurs.

Chen and Gajdardziska knew they would need to look at more attachment sites than are available on the surface of a carbon nanotube. So they “unrolled” the nanotube into a sheet of graphene to achieve a larger area.
Busy Spring Nets Great Results for Journalism

**Media Milwaukee Honored**

by Jane Hampden

Journalism, Advertising & Media Studies

UWM journalism students captured more than a dozen awards for multimedia reporting and writing in regional contests, including an award from the Society of Professional Journalists (SPJ) for Best Independent Online Student Publication for *Media Milwaukee*, the Department of Journalism, Advertising, and Media Studies’ (JAMS) news site.

JAMS student Michael Meidenbauer placed first in SPJ’s Online News Reporting category for his multimedia stories about Shorewood teachers grappling with the end of collective bargaining in Wisconsin. Kevin Meagher won a first-place sports writing award for “Fight Club,” his multimedia profile of an iconic Milwaukee boxer who welcomes city kids to his gym. Andy Ambrosius’ coverage of young professionals struggling to create a Milwaukee fashion scene won a feature-writing award.

Writing for the *UWM Post*, students Zachary Brooke, John Parnon and Steve Garrison won an array of reporting and editorial writing awards for their coverage of turmoil in the UWM Student Association.

The Milwaukee Press Club recognized JAMS student Katie Milella for her in-depth profile of older Milwaukeeans looking for work during the economic downturn. Jessica Fedenia won for a feature story on local seniors finding love through technology. Student Lauren Groh’s examination of changing photography in the digital age netted an award for website design.

In many categories, UW-Milwaukee student work topped entries from Marquette University, the University of Wisconsin-Madison and the University of Minnesota in regional multimedia reporting and writing contests.

*Media Milwaukee* is a news source for southeast Wisconsin and the UW-Milwaukee community. Students in the Department of Journalism, Advertising, and Media Studies report, write and produce the stories.

[http://www4.uwm.edu/mediamilwaukee/](http://www4.uwm.edu/mediamilwaukee/)

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**PantherVision Nationally Recognized**

by Mark Zoromski

Journalism, Advertising & Media Studies

UWM *PantherVision* was honored by the Society of Professional Journalists (SPJ) as one of the nation’s best collegiate television newscasts, and its student reporters were named among the best in the country for in-depth reporting.

*PantherVision*, a class-based half hour television newscast produced by students studying broadcast journalism, was named a national finalist as “Best All-Around Television Newscast” in SPJ’s Mark of Excellence Awards. *PantherVision* reporters were also chosen as national finalists in the Television In-Depth Reporting category.

The awards come on the heels of a regional Emmy in the best newscast category, as well as an Edward E. Murrow award for best newscast by the Northwest Broadcast News Association, which accepts entries from six states. The Wisconsin Broadcasters Association also chose *PantherVision* as best newscast in its statewide competition.

In all, *PantherVision* won 26 national, regional, state and local awards for journalistic excellence for the 2011 calendar year.

The SPJ Mark of Excellence awards are the first national honors for UWM *PantherVision*. The best newscast category is particularly demanding – in most competitions, entrants chose their best newscast to submit. In the SPJ competition, however, entrants must submit newscasts from three dates chosen by the Mark of Excellence Award committee.

UWM *PantherVision* is the product of two broadcast journalism classes in the Department of Journalism, Advertising and Media Studies. Students in the television news reporting class (JAMS 342) are the reporters, photojournalists, and anchors. Students in the television news management class (JAMS 544) are the newscast producers, assignment editors, and managers.

Studio production of the newscast is made possible through a unique relationship with Milwaukee Area Technical College, which holds the license for public television in the Milwaukee market. Students in MATC’s Television and Video Production program serve as directors, technical directors, floor directors, studio camera operators, audio operators, and other positions.

Since the newscast’s inception in 1998, *PantherVision* students have won more than 160 regional, state, local – and now national – awards for journalistic excellence.

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*Journalism students at the Milwaukee Press Club Gridiron Awards dinner on May 18. From left: Sean Willey, John Parnon, Katie Milella, Kevin Meagher, Michael Meidenbauer, and Lauren Groh*
Behind-The-Scenes in Broadcast Journalism

by Paula Orth, College of Letters & Science

The cameras are focused and set to roll on a new venture of the UWM Minority Media Association (MMA) and the Broadcast Club at UWM. *The U View*, a 30-minute TV program, started streaming on April 18th. This unique program highlights diverse communities and issues both on campus and in greater Milwaukee such as LGBT media, ideological diversity in the media, prominent African American journalists, and media coverage of race and crime.

The brainchild of journalism Senior Lecturer Jessica McBride – who also founded and advises MMA – and MMA President Shakara Robinson, the show uses an interview and panel discussion format. The pilot episode featured bi-racial bloggers *Aaron Rodriguez* and Deborah Haywood, also known as *Wonder Woman*.

Shakara was motivated to start the show when recalling how she felt out of place during her early college years. Although she encountered a diverse campus, she saw a need for more focus on minority concerns. “I am often the only black girl in my journalism courses. I hope this show will bring light to less familiar issues and teach students about tolerance.” The show was developed to educate viewers about issues that traditional media ignores, and develop and showcase students’ broadcast skills, said Jessica.

*The U View* is an ideal collaboration for the skills sets that both MMA and the Broadcast Club bring to the table. The Broadcast Club handles production; MMA members develop content, book guests and moderate the show. The end result gives MMA a wider platform and provides another hands-on learning experience for the Broadcast Club students.

Broadcast Club Advisor Mark Zoromski notes that *The U View* is a “nice marriage of the two student groups. It raises the profile of MMA, provides diversity in content and Broadcast Club students get to do what they joined to do. It’s great all around.”

*The U View* can be seen at [http://www.pawstv3.com/main.html](http://www.pawstv3.com/main.html). The show also airs on campus cable channel 3.

### About Broadcast Club

For students who are crazy for cameras and passionate about pixels, the Broadcasting Club trains students in professional quality broadcasting production. Established in 2003, students in the club learn about all aspects of production, from camera operation to directing to editing. Every Friday afternoon, club members produce two episodes of one of its three regular programs:

- **PantherPause**, a half-hour news interview program on topics of general interest to students such as campus security and student finances
- **PantherProwl**, a half-hour sports interview program
- **Student Showcase**, a half-hour interview program that showcases student work such as student films or theater productions

Club Advisor Mark Zoromski says, “This is not play TV. Students learn quickly that they have to be organized and do a lot of planning. We’re in the 30th largest U.S. market, and we are being compared with Milwaukee’s professional television stations. We know we’re successful by the number of awards we’ve won.” Broadcast Club shows have garnered more than 30 regional, state and local awards for excellence in broadcasting.

Sean Willey, Club President, sees his future in TV reporting after graduation in May. He has secured interviews for television reporter jobs and credits his experience in the Club for enhancing his professional preparation. “Knowing what goes on behind the cameras helps me when I’m designing my stories.”

Viewers can catch the shows on PAWSTV3 online and on campus cable channel 3. [http://www.pawstv3.com/main.html](http://www.pawstv3.com/main.html)

### About MMA

MMA aims to increase diversity in the media, both in terms of the people working in media as well as the topics covered. Developed as a support group, MMA offers a safe and comfortable environment that helps students enrich their coursework while learning to collaborate on projects. Their programs are intended to bring diversity not only to the journalism department but also to the greater UWM and Milwaukee communities, while also shining a spotlight on these highly-motivated students.

“After joining the MMA, my entire perspective on my career has changed. Through this supportive and encouraging group, I am inspired to chase my dreams and help other students reach for their own through media,” explains MMA President Shakara Robinson.

Bringing speakers to campus, attending professional conferences, and talking with high school students interested in journalism are just a few examples of the activities of MMA.

### VIDEO: See What Happens Behind the Camera

[Link to video]

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Mikel Holt, editor of the *Milwaukee Community Journal* and UWM alumnus was the guest on the second episode of *The U View*.
Undergraduate Research Surprises at Symposium
by Angela McManaman, University Relations

More than 150 students and a panel of 85 judges made for the largest and most dramatic Undergraduate Research Symposium in the event’s four-year history on April 13th. Four state fair-style ribbons were to be awarded for first through third place, plus the inaugural award for best oral presentation. Instead, there were ties in three categories. Ribbons were shared, but every student walked away with a prize between $50 and $200, supported by the Graduate School.

Organizers looked on the ribbon sharing as just another sign of the program’s success in transforming undergraduate students into experienced researchers who often complete graduate-level research well before graduation day.

“This year we had to move this symposium into a bigger space,” said Nigel Rothfels, Director of the Office of Undergraduate Research. “I’m most impressed by the diversity and the caliber of research,” said Phyllis King, Associate Vice Chancellor for Academic Affairs. “This is a high-value program that can lead to greater gains in learning, retention, graduation, success and increased employment opportunities for students in related fields.”

The OUR experience has been mutually beneficial for Bruce Charlesworth, Assistant Professor of Film, and Garrett Katerzynske, a senior student in the Peck School of the Arts Film Department and the Journalism, Advertising, and Media Studies program in the College of Letters & Science.

“I did construction, production, lighting design, all kinds of behind-the-scenes work,” Katerzynske explained as he presented his research on “Retraction.” Described as a “multimedia narrative environment about anticipation and the passage of time,” and designed by Charlesworth, “Retraction’s” sets have been under construction for several months at multiple locations. Katerzynske’s contributions to the project earned him one of the three first-place awards at the symposium.

“Katerzynske welcomed the immersive, interactive opportunity to network with faculty and engage hands and mind in a multimedia project that transforms viewers into participants in a five-room environment unfolding before them on a large screen. “It’s been great to be an active participant in crafting a professional work, rather than the traditional studying,” he said.

Next for Garrett is a summer semester in London, then graduation, hopefully leading to work in the film industry. “Retraction” debuts at the Milwaukee Art Museum in 2012-13.

In addition to Garrett, the other winning Symposium projects were:

**First Place**
Ben Callif, “Increase in zif268 Expression in the Amygdala after Different Types of Fear Conditioning” / Mentor: Fred Helmstetter, Professor of Psychology
Kelsey George, “The Effect of Aerobic Fatigue on Cognitive Function” / Mentor: Wendy Huddleston, Assistant Professor of Physical Therapy

**Second Place**
John Hawkins Jr., “Eliminating Energy Cost of Physical Activity Wrist and Hip Accelerometry in Older Adults” / Mentor: Scott Strath, Associate Professor of Human Movement Sciences
Geoffrey Severin, “Enteric Bioluminescent Vibrio in Marine Fish May Not Correlate to the Proximal Planktonic Environment” / Mentor: Charles Wimpee, Associate Professor of Biological Sciences

**Third Place**
Gina Ruchalski and Hailey Dulde, “Observing and Documenting Studio Thinking Skills in a Project-Based Curriculum Centered on Arts Integration and Latino Culture” / Mentor: Laura Trafi -Prats, Associate Professor of Art & Design
Wendy Ruenzel, “Are You Faking It? What Influences Effort or Lack of Effort on Assessment Test Performance?” / Mentor: David Osmon, Professor of Psychology

**Best Oral Presentation**
Fly Steffens, “Using Dramaturgical Resources to Develop a New Performance of ‘King Lear’” / Mentor: Rebecca Holderness, Associate Professor of Theatre

Photo Credit: Troye Fox
The Department of Communication held its bi-annual Public Speaking Showcase on April 28th. Each semester, the competition features undergraduate students from the Communication 103: Public Speaking course presenting speeches about public heroes. This spring’s competing students came from all levels, freshmen through senior, and represented a variety of majors, including Communication, Pre-pharmacy, Marketing, Nursing, Education, Criminal Justice, Social Work, American Sign Language, Kinesiology, and Biology.

The top five speakers of the day were (pictured left to right):

5th place Paul McKinster, a freshman from Sheboygan
4th place Amanda Mueller, a junior from Muskego
3rd place Gretchen Miller, a junior from Eagle River
2nd place Ann Hancock, a sophomore from Milwaukee
1st place Rishi Sharma, a junior from Glendale

Judging the semi-final round of the competition were teaching assistants from the Communication Department. The final round was judged by a panel of three community judges: UWM Provost Johannes Britz; MacCanon Brown, Executive Director of Repairers of the Breach; and Bill Werner, President of the Mariner’s Neighborhood Association. The judges volunteered their time to help make this event a success.

The Public Speaking Showcase Event

by Kim Smith, Dept. of Communication

Communication Students Lauded for Their Work

The Department of Communication gave out their end-of-the-year awards to the following individuals:

- Seokhoon Ahn received the Melvin H. Miller Award for Outstanding Master’s Research. This year, Seokhoon has one manuscript in press for publication and also has presented at a national conference.
- Ruth Beerman and Andrew Cole were awarded the Melvin H. Miller Doctoral Service Award. Ruth organized the Fall 2011 Public Speaking Showcase and also serves as the current Vice-President of the student chapter of the Rhetorical Society of America. Andrew was a founding member of, and served as President of, the Communication Graduate Student Council and was the previous Vice-President of the student chapter of the Rhetorical Society of America.
- Kimberly Kulovitz received the ICA Teaching Award and the Melvin H. Miller Doctoral Teaching Award.
- Kikuko Omori and Lara Stache were awarded the Melvin H. Miller Award for Outstanding Doctoral Research. This year, Kikuko has five in press or published works, and Lara has three publications and one revise and resubmit.
- Phil Rippke was awarded the Melvin H. Miller Master’s Service Award. Phil was instrumental in founding the Communication Graduate Student Council, served as technology liaison between graduate students and faculty, and volunteered at the National Communication Association Convention.
- Amanda Ruiz and Andrew Zoromski received the awards for the highest GPA in the Master’s program.
- Andrew Zoromski was awarded the Melvin H. Miller Master’s Teaching Award.
That prompted them to search for ways to make graphene from its cousin, graphene oxide (GO), an insulator that can be scaled up inexpensively. GO consists of layers of graphene stacked on top of one another in an unaligned orientation. It is the subject of much research as scientists look for cheaper ways to replicate graphene’s superior properties.

**Puzzling outcome**

In one experiment, they heated the GO in a vacuum to reduce oxygen. Instead of being destroyed, however, the carbon and oxygen atoms in the layers of GO became aligned, transforming themselves into the “ordered,” semiconducting GMO – a carbon oxide that does not exist in nature.

It was not the result they expected. “We thought the oxygen would go away and leave multilayered graphene, so the observation of something other than that was a surprise,” says Eric Mattson, a doctoral student of Hirschmugl’s.

At different high temperatures, the team actually produced four new materials that they collectively refer to as GMO. They captured video of the process using Selected Area Electron Diffraction (SAED) in a transmission electron microscope.

Because GMO is formed in single sheets, Gajdardziska says the material could have applications in products that involve surface catalysis. She, Hirschmugl and Chen also are exploring its use in the anode parts of lithium-ion batteries, which could make them more efficient.

**Laborious process**

But the next step is more science. The team will need to find out what triggered the reorganization of the material, and also what conditions would ruin the GMO’s formation.

“In the reduction process, you expect to lose oxygen,” says Michael Weinert, Professor of Physics and Director of UWM’s Laboratory for Surface Studies. “But we actually gained more oxygen content. So we’re at a point where we’re still learning more about it.”

Weinert points out that they have only made GMO at a small scale in a lab and are not certain what they will encounter in scaling it up.

The team had to be careful in calculating how electrons flowed across GMO, he adds. Interactions that occur had to be interpreted through a painstaking process of tracking indicators of structure and then eliminating those that didn’t fit.

“It was a long process,” says Weinert, “not one of those ‘Eureka!’ moments.”

This work was published in the journal ACS Nano (5[12], 9710-9717, 2011). In addition to the four UWM faculty members and Mattson (the lead author), the team included

UWM Physics Research Associate Marvin Schofield and Postdoctoral Associate Michael Nasse, UWM Engineering graduate students Haihui Pu and Shumao Cui, UWM Engineering Research Associate Ganhua Lu, and Rodney Ruoff of the University of Texas at Austin.

Physic senior scientis Marvin Schofield (standing), physicals doctoral student Eric Mattson, and Graduate School associate dean and physics professor Marija Gajdardziska examine the images of GMO using Selected Area Electron Diffraction (SAED) in a transmission electron microscope. Photo credit: Alan Magayne-Roshak.

Professors Junhong Chen (left, mechanical engineering) and Marija Gajdardziska (physics) discuss the imaging with engineering graduate student Shumao Cui. Photo credit: Alan Magayne-Roshak.
The annual Virginia Burke Writing Contest Awards Ceremony took place on Friday, April 20, at 1:00 pm in Greene Hall and featured keynote speaker, Dr. Laretta Henderson, Associate Professor from UWM’s School of Information Studies.

Virginia Burke dedicated her life to teaching first-year composition, most of it at UWM. She knew first-hand what challenging and important work this is, and she recognized the significant impact this work has on the future lives of students. The Award Ceremony honored the outstanding work our students do in English 095, English 101, English 102, and English 201, and it also acknowledged the role teachers play in helping their students achieve excellence.

This year the winners include:

**English 095:**
1st place – Marlina Jones, “Lewi’s Insight on Determining What’s Right” / Joan Ruffino, Instructor
2nd place – Tia Riley, “English Journey” / Adam Pacton, Instructor
3rd place Ashley Dehler, “Encountering Visions of Aztlan” / Paige Conley, Instructor

**English 101:**
1st place — Mauly Her, “David Foster Wallace – ‘Consider the Lobster’” / Amy Shields, Instructor
2nd place – Odell White, “Reading Between the Color Lines” / Linda Chesky, Instructor
3rd place – Willina McCoy, “A Rhetorical Analysis of ‘Juban America’” / Amy Shields, Instructor

**English 102:**
1st place – Joshua Zaharias, “Hero to Antihero” / Adam Andrews, Instructor
2nd place – Kong Vang, “A Whole New World – The Hmong” / Debra Siebert, Instructor
3rd place – Kyle Lacy, “Neuroethics and a Revised Judicial System” / Adam Andrews, Instructor

**English 201:**
1st place – Ethan Reik, “Rethinking Literacy: The Keys to Better Understanding Through Ethnography” / Daniel Listoe, Instructor
2nd place – Stephanie Semerda, “Technology is to Discourse as Online Literacy is to Science Fiction” / Diane Unterweger, Instructor
3rd place – Cassandra Cibik, “Poverty, The South, and Education” / Sandy Brusin, Instructor

The first place winners in each category read their winning essays.

Virginia Burke Writing Award Winners
by Sandra Brusin
Department of English
## Grants

Fifteen Letters & Science faculty members received Graduate School Research Committee Awards for 2012-13 to support their projects:

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<tr>
<th>Department</th>
<th>Faculty</th>
<th>Topic</th>
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<td>Africology</td>
<td>Erin Winkler</td>
<td>Racism as a Threshold Topic: Assessing Student Learning Outcomes in a University Diversity Requirement Course</td>
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<tr>
<td>Foreign Languages &amp; Literature</td>
<td>Joe Peschio</td>
<td>Russian Literary Censorship 1801-28: Preliminary Analysis of Russian Archival Holdings</td>
</tr>
<tr>
<td>Geography</td>
<td>Anne Bonds</td>
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<td>History</td>
<td>David DiValerio</td>
<td>The Legacy of the Madman of U (1458-1532) through Oral Traditions</td>
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<tr>
<td>History</td>
<td>Christine Evans</td>
<td>Between Truth and Time: A History of Soviet Television</td>
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<tr>
<td>History</td>
<td>Marcus Filippello</td>
<td>Crossing the “Black Earth: Roads, Environmental Change, and Communal Consciousness in an African Forest Community</td>
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<td>History</td>
<td>Benjamin Johnson</td>
<td>Escaping the Dark, Gray City: How Conservation Re-made City, Suburb, and Countryside in the Progressive Era</td>
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<td>History</td>
<td>Chia Vang</td>
<td>A View of War from Below: History and Memory among Ethnic Minorities in Laos during and after the Vietnam War</td>
</tr>
<tr>
<td>Journalism &amp; Mass Communication</td>
<td>Xiaoxia Cao</td>
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</tr>
<tr>
<td>Journalism &amp; Mass Communication</td>
<td>Elana Levine</td>
<td>Constructing femininity in soap opera history</td>
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<tr>
<td>Linguistics</td>
<td>Nicholas Fleisher</td>
<td>The Semantics of Adjectives in the 'Tough' Construction</td>
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<td>Sandra Pucci</td>
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<tr>
<td>Mathematical Sciences</td>
<td>Clark Evans</td>
<td>An Assessment of Thunderstorm Development Forecast Successes and Failures from Very High Resolution Numerical Weather Forecasts</td>
</tr>
<tr>
<td>Psychology</td>
<td>Marcellus Merritt</td>
<td>A tailored stress management intervention for reduced day and nighttime blood pressure in young pre-hypertensive adults</td>
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**Veronica Lundback (Foreign Languages and Literature)** received a $40,000 grant from the Barbro Osher Pro Suecia Foundation in support of her work developing an online curriculum for third-year Swedish that will be utilized nationally. The grant will be used for several purposes including student grants.

**Justin Calhoun (Geosciences)** was awarded a $1,500 Geological Society of America Research grant for his master's project “Assessment of the relationship between emplacement and deformation along the Moine Thrust Belt, Scottish Highlands.” He and Geosciences undergraduate Jack Graham will join Professor Dyanna Czeck in northwest Scotland for fieldwork in late May.
The transit of Venus occurs when Venus passes between the Sun and the Earth. Venus becomes visible as a black disk moving across the inner edge of the Sun from left to right. The planet Venus, orbiting the sun “on the inside track,” catches up to and passes the slower earth. This is a rare astronomical event that will not happen again until 2117. Historically, this alignment was used to measure the size of our solar system; today all types of transits are used to better map the universe.

A Record Smashed

With the help of many of you, the College of Letters & Science reports one of the best fundraising years in its history. Each of our donors makes a significant impact on our College and, most importantly, directly improves the lives of individual students.

There’s Zachary Beaver from West Bend, a history enthusiast with dreams of working in a museum some day. We were able to offer Zachary a New Directions scholarship of $2,000.

Michael Atteberry, another New Directions recipient, is coming to UWM from Illinois. While he’s unsure of his major, he knows it must involve literature and writing.

Katherine Halmo is an avid fan of Discovery Channel’s Shark Week and is considering different possibilities for a career that uses knowledge from biology, conservation and environmental sciences.

Avinash Rajendra is a fascinating young man from Kenosha who is a ranked chess player, a competitive tennis player, a violinist and a future physicist.

These are just four of the 10 freshmen we will be supporting in 2012-13 through the New Directions Scholarship program. They represent just a few of the high-achieving future leaders who are able to obtain a UWM education because of the kindness of donors.

Through the end of April, our fundraising total for the fiscal year which ends June 30th is an amazing $2,358,810. On behalf of all of the students, faculty and programs that benefit from your generosity, thank you.

Passings

Roger Thomas, a long-time UWM instructor in American Indian Studies and Ethnic Studies, passed away on May 15, 2012. He was a proud member of the Bad River Band of Lake Superior Chippewa Indians and is survived by his wife of 40 years, Carol, his child, Makoons, and many other relatives and friends.

Sophomore Marcus Turner (pictured left) died on May 12, 2012 after a tragic motorcycle accident. Marcus was a Letters & Science student and had worked as a campus tour guide and as a member of the Student Housing Administrative Council.

We extend our deepest sympathies to the Thomas and Turner families.
L&S Retirees Honored

On May 10th, the College gathered to recognize and honor the faculty and staff who have retired this academic year. Together, these individuals accumulated 467 years of experience and an immeasurable amount of knowledge. Our retirees have served the College in all types of roles including as teachers, researchers, scientists, administrators, and vital administrative support positions. We even have a former Chancellor amongst our honorees – John Schroeder, History Professor, former Associate Dean and former Chancellor from 1991 to 1998, is retiring after 42 years of service to UWM.

We wish all of the retirees much happiness and fulfillment as they start their new journeys in life.

- Cynthia Barnes, History
- Nancy Bilgo, Communication
- Roberta Corrigan, Linguistics
- Lilly Crowder, Journalism, Advertising, and Media Studies
- Susan Giersbach Rascon, French, Italian, and Comparative Literature
- Alice Gillam, English
- Linda Hawkins, Institute for Survey & Policy Research
- William Holahan, Economics
- Gregory Iverson, Linguistics
- Carolyn Kott Washburne, English
- Nancy Madden Walczyk, Mathematical Sciences
- Albert Milani, Administration/Mathematical Sciences
- Stephen Percy, Political Science
- John Schroeder, History
- Thomas Schuck, Biological Sciences
- Gabrielle Verdier, French, Italian, and Comparative Literature
L&S Laurels and Accolades

Congratulations to the L&S alumni who were honored at a special ceremony on May 19th for their accomplishments:

2012 Distinguished Alumnus – Dr. Laurel Bear, BS Medical Science ‘80. Laurel is a pediatric specialist in child development and an Assistant Professor at the Medical College of Wisconsin. Read more about her program for pediatric patients and their families, the Herma Heart Program, her Global Medical Brigade trips to Honduras, her community service and dedication to family, and more: [http://bit.ly/LzBRfh](http://bit.ly/LzBRfh)

2012 Graduate of the Last Decade – Amy Turim, BA Sociology ‘06. Amy is a rising advocate for groups who do not often have an opportunity or ability to speak for themselves. Her role at Jomela Properties includes management of housing programs for families below the poverty line and youth coming out of the foster system. Current community projects include urban food gardens and neighborhood clean ups, youth engagement activities and security services for apartment buildings.

2012 Alumni Citizenship Award – Dennis McBride, BA Journalism ‘76. Dennis is a Senior Trial Attorney with the U.S. Equal Employment Opportunity Commission and a Wauwatosa Alderman. Read more about his work to build the new pool at Hoyt Park and his efforts towards historic preservation: [http://bit.ly/JRtRUu](http://bit.ly/JRtRUu)

2012 Chancellor’s Recognition Award – Frank Caliendo, BA Journalism ’96. Frank is a comedian, actor and impressionist with an impressive list of credits including the FOX NFL Pre-game show, MADtv, and his own show Frank TV. He is most widely known for his impressions of George Bush, Bill Clinton, John Madden, Charles Barkley, and Robin Williams.

Congratulations to UWM students Michael Blaeser (Architecture), Azad Safavi (Chinese and Linguistics), and Brittany Vulich (Global Studies). All received the Mandarin Enrichment Scholarships offered by the Taiwan Ministry of Education. The scholarships provide a monthly stipend for the students to study Chinese in Taiwan.

Erica Bornstein (Anthropology) received a resident fellowship from Stanford University’s Center for Advanced Study in the Behavioral Sciences for 2012-13. This fellowship is in support of her sabbatical year project titled, “Philanthropy and the Boundaries of Law,” which looks at the role of the state in the regulation of global philanthropy in the U.S. and India.

Elisabetta Cova (Foreign Languages and Literature) was awarded a UW-System Fellowship at the Institute for Research in the Humanities (UW-Madison) for 2012-2013.

David Menees, a senior English major, received an Honorable Mention in the UW-System Liberal Arts Essay competition. [http://www.wisconsin.edu/news/2012/r120510.htm](http://www.wisconsin.edu/news/2012/r120510.htm)

Nancy Mathiowetz (Communication) was named a 2012 Fellow of the American Statistical Association based on contributions to, and leadership in, the field of statistical science. It was noted that she was selected “for outstanding research focusing on the effects of measurement error; and for dedicated service to the survey research community through her editorial work and mentoring of the next generation of survey methodologists.” No more than one-third of one percent of the total ASA membership are designated as Fellows.

Luca Ferrero (Philosophy) joins the DFG (German Research Foundation) workshop on ‘Practical Reason and Good Action’ as an Associate International Member for 2012-15 as well as the advisory board of the journal, Philosophical Inquiries.
In the Media and Around the Community


Aneesh Aneesh (Sociology) presented “Mutations of Citizenship: India and the World,” the spring lecture sponsored by the Center for South Asia at UW-Madison. The lecture addressed India’s Overseas Citizenship as a framework for thinking about the changing formats of citizenship.

Erica Bornstein (Anthropology) was a plenary speaker for the Society for Cultural Anthropology Annual meeting held in Providence, Rhode Island, in May.

James Cook and Alexander Arnold (Chemistry) are plenary speakers at a drug development collaborative workshop subtitled “Forming Drug Discovery Partnerships.” The Clinical and Translational Science Institute (CTSI) is the program’s sponsor. CTSI is a consortium of eight Milwaukee institutions, including UWM, dedicated to transforming the biomedical research enterprise in southeast Wisconsin to advance patient care and education.

María del Pilar Melgarejo Acosta (Spanish and Portuguese) presented at three conferences during the spring semester: “Candelario Obeso: Poetry and Nation” presented at the XXVIII Biennial Louisiana Conference on Hispanic Languages and Literatures held at Louisiana State University; “Max Nordau y Silva: Entre la miopía del científico y la sentencia del degenerado” presented at the IV International Conference Transatlantic Poetics Toward a Cross-Cultural Syntax held at Brown University; and “Race and poetry: tracing a bridge between centuries. From Candelario Obeso to Linton Kwesi Johnson” presented for UWM’s Center for 21st Century Studies.

Jeff Sommers (Africology) was the featured guest on Channel 36’s program International Focus hosted by UWM’s Doug Savage. This episode is entitled, “Europe’s Keynesian Comeback.”

Andrew Cole (Communication) presented “Dividing a shared history: Defining rhetoric within the disciplinary identities of English and communication graduate students” at the Conference of the Rhetoric Society of America in Philadelphia.

Jennifer Hawkins (Communication) presented “Folk Beliefs’ Impact on HIV/AIDS Communication in Rural South Africa” at the International Congress for Qualitative Inquiry in Urbana, Illinois, in May.

Mindy Johnson (Communication) presented “Making Safer Sex Sexy” at the Wisconsin Planned Parenthood Annual Professional Training Conference held in May.

Dyannya Czeck (Geosciences) talked about geology with 1st-3rd graders during Career Fair Day at La Causa Charter School.


Several members of the Communication Department attended the International Communication Association Conference in Phoenix in May to make presentations:

- **Kathryn Fonner** presented “Strategies for home-based teleworkers: Managing the work-home boundary and attaining work-life balance”
- **Ji Hyun Kim** presented “Viewing alone or together: The effect of sexually explicit Internet material among college students.”
- **Ha Song and Ji Hyun Kim**, with J. Kwon and Y. Jung, presented “Anti-smoking intervention using avatars as visualized possible selves.”
- Sang-Yeon Kim, Mike Allen, Ha Song, and Tae-Seop Lim presented “Demarcating humility from self-deprecation.”

Jennifer Hawkins (Communication), in collaboration with two public health students from Madison, made a presentation to the Manitowoc County Mental Health Task Force on the mental health environment of their area. This project was a collaboration between the Wisconsin Center for Public Health Education and Training (WiCPHET), Northeastern Wisconsin Area Health Education Center (NEWAHEC), and the Manitowoc Mental Health Task Force with funding provided through a federal grant from U.S. Department of Health and Human Services.

Angela Victor (Communication) talked about the professional and personal uses of social media at the UW-Oshkosh Student Tweetup held in April in Oshkosh.

Marc Levine (History) provided an expert opinion for the article “Walker and Barrett duel over job trends in Wisconsin and Milwaukee” which appeared in the Milwaukee Journal Sentinel on May 2, 2012.

Luca Ferrero (Philosophy) presented comments on Abe Roth’s “Team Reasoning, Shared Intention, and Non-Evidential Warrant for Belief ” at the St. Louis Annual Conference on Reasons and Rationality in May.

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Mark D. Schwartz (Geography) was one of the co-authors of “Warming experiments underpredict plant phenological responses to climate change” which was published in *Nature* on May 2, 2012. The study suggests that there is a significant mismatch between the results from observational studies in the natural setting and controlled warming experiments where scientists use heaters. The disparity could mean that the actual impact of climate change is greater than currently thought and some existing models may need to be re-worked. The news was picked up quickly and was published on hundreds of news and information sites including the BBC, Reuters, MSNBC, Bloomberg’s *Businessweek*, USA *Today*, the U.S. Geological Survey, and the Weather Channel. [http://www.bbc.co.uk/news/science-environment-17924653](http://www.bbc.co.uk/news/science-environment-17924653)


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Ellen Amster (History) gave an invited talk in Montreal to the MEOS group (Médicament comme objet social) entitled “La médecine des harems et l’enfant endormi [raqid]: La matronne marocaine, le médecin français, et la bio-politique de la pharmacopée à l’époque du protectorat français au Maroc, 1912-1945.”

Karyn Frick (Psychology) presented “Building a better hormone therapy? How understanding rapid effects of estrogens could lead to new therapies for age-related memory decline” at a neuroscience colloquium at the University of Massachusetts Amherst in April.

Krista Lisdahl (Psychology) co-chaired a symposium on binge drinking and neurocognition in youth at the annual meeting of the International Neuropsychological Society in Montreal. With her co-authors, she presented “Maximum binge drinking dose predicts smaller left hippocampal volumes in male emerging adults” and “Abnormal cortical architecture in binge drinkers: Unique gender effects.”

Jennifer Tuscher (Psychology) won a graduate student poster award at the Wisconsin Psychological Association annual meeting for “Estradiol enhances extinction of cocaine seeking.” The other UWM co-authors included J.J. Tuscher, R.C. Twining, E.M. Doncheck, K.M. Frick, and D. Mueller.

In April, Margaret Atherton (Philosophy) presented “Spirits and Substances” at the 2012 Philosophy Capstone at Hampden-Sydney College in Virginia.

Richard Tierney (Philosophy) presented “Proper Place, Form, and Natural Elemental Motion in Aristotle” during the 86th Annual American Philosophical Association Pacific Division Meeting in Seattle in April.